

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A self-polishing antifouling or boat-bottom paint comprising a binder and a biologically active substance, ~~characterised in that~~ wherein said biologically active substance is chosen to be decomposable in the presence of water and to consume oxygen during its decomposition process so as to generate an oxygen-lean aqueous environment in the water-exposed paint layer.
2. (Currently amended) A self-polishing antifouling paint according to Claim 1, ~~characterised in that it includes~~ further comprising a photosynthesis inhibitor for limiting the growth of algae on the surface of the said paint.
3. (Currently amended) A self-polishing antifouling paint according to Claim 1 ~~or 2~~, ~~characterised in that~~ wherein the biologically active substance includes a material of biological origination.
4. (Currently amended) A self-polishing antifouling paint according to Claim 3, ~~characterised in that~~ wherein the biologically active substance includes a protein-rich material.
5. A self-polishing antifouling paint according to ~~any one of Claims 1-4~~, ~~characterised in that~~ Claim 1, wherein the biologically active substance is a powdered substance which is distributed uniformly in the paint composition.
6. A self-polishing antifouling paint according to Claim 5, ~~characterised in that~~ wherein the powder has a particle size between 0.1 mm and 0.001 mm.

7. A self-polishing antifouling paint according to Claim 5, wherein ~~or 6, characterised in that~~
the biologically active substance is soy flour.